# Sealoflex Topcoat

FM APPROVED

## Highly Elastic Waterproof & Protective Roof Coating

### Description

Sealoflex Topcoat CT is a waterborne, single component roof coating. It is a tough flexible material which displays good UV and Ozone resistance. Sealoflex Topcoat is generally used in conjunction with Sealoflex Pink and polyester reinforcing fabric to form a fully adhered single ply membrane. Sealoflex Topcoat is also used extensively as a protective coating to existing and new roofing materials such as single ply, modified asphalt membranes, and metal roofs.

### Uses

Sealofex Topcoat is used:

- To provide a highly reflective surface over roof surfaces of most types (white).
- For coating of metal roofs of most types
- To provide protection and add life expectancy to existing roof surfaces
- As the final coating to the Sealoflex Roofing System

### Advantages

Sealoflex Topcoat displays the following advantages:

- Ultraviolet and Ozone resistant
- Excellent solar reflectance in white
- Fast curing
- Excellent low temperature flexibility
- Adheres to almost any roof or wall substrate including stucco, concrete, metal, brick, wood apshalt, PVC, etc
- Energy Star approved
- Factory Mutual approved

### Colour

White, Pearl Grey, Beige, Slate Grey, Brown, Charcoal, Terra Cotta, Charleston Green and Tinners Red

Other colours available

### Instructions for Use

### Surface Preparation

Surfaces must be dry, clean and free of dust, loosely adhering particles, oil or grease.

### Priming

No priming is necessary on unpainted wooden surfaces, asphalt, weathered galvanized steel or non-ferrous metal and PVC. Unprotected iron or steel must first be treated with Sealobond Primer WB. Chalky surfaces, Concrete masonry and Hypalon® must be primed first with Sealobond Primer WB. EPDM rubber and TPO must be primed first with Sealoflex Primer WB.
Oil based coated surfaces must be primed first with Seolobond Primer WB.

### Application

Sealoflex Topcoat can be applied by airless sprayer, roller or brush.

### Coverage

Sealoflex “Topcoat” finishing coating

ca. $2m^2$ / 1 litre

### Cleaning

Uncured Sealoflex Topcoat can be rinsed with water. Cured Sealoflex Topcoat can be dissolved with Sealoflex Quickclean and rinsed with water.

### Precautions

Do not apply Sealoflex Topcoat if rain is imminent. Sealoflex Topcoat will not cure when the ambient humidity is 100% e.g. during periods of dew or fog. Curing will commence again once the humidity drops below 100%.

Check adhesion to previously painted surfaces as some surfaces may require special treatment or priming. Contact our Technical Department for specific methods of testing.

Please refer to MSDS

# Technical Data

| PROPERTIES | TEST METHOD | SEALOFLEX® |
|---|---|---|
| | | Topcoat™ White |
| Liquid Applied Acrylic Coating | ASTM D6083 | 100% Acrylic Resin |
| Density @ 77℉ | ANSI/NCSL Z540-1 | 12.0 lbs/gal |
| Solids by weight | ASTM D1644 | 70% |
| Solids by volume | ASTM D2697 | 55% |
| Ph | | 9.0 – 9.5 |
| Brookfield Viscosity | ASTM D2196 | 10,000 – 15,000 cps |
| Specific Gravity | | 1.44 |
| Flash Point | ASTM D-56 Tag Closed Cup | >200℉ |
| Initial Elongation (unreinforced) | ASTM D2370 | 300% |
| Initial Elongation at (reinfoced) | ASTM D2370 | 61% |
| Final Elongation at Break (3000 hrs) | ASTM D412 | 161% |
| Recovery | ASTM D2370 | 98% |
| Initial Tensile Strength | ASTM D2370 | 294 psi |
| Impact Resistance | | 1.6 joules |
| Flex (5℉) 1/8 Mandrel | ASTM D734 | Pass |
| Flexural Fatigue | | 26000 cycles |
| Cold Temperature Flex | ASTM D522 | ½ inch Mandrel - 15℉ |
| Accelerated Weathering | ASTM D4798/G28 | No effects after 3,600 hours |
| Fire Resistance (UL) | ASTM E108 | Pass UL Class A |
| Dimensional Stability | ASTM D1204 | Less than 0.44% change |
| Water Vapor Transmission Rate | ASTM E96 | 3.2 grains/ft²/hour (4.5 perms) |
| Permeance | ASTM D1653 | 28.8 perms |
| Solar Reflectance Initial | ASTM D903/D&S | 78% |
| Solar Refelctance Aged 3 Years | ASTM D903/D&S | 69% |
| Infared Emittance | ASTM D903/D&S | 0.92 |
| Application Temperature | Ambient<br>Surface | 5℃ to 40℃<br>5℃ to 55℃ |
| Dry time at 20℉ and 50%<br>Relative Humidity | Set to touch<br>Between coats | 1 hour<br>1 hour minimum (dry to touch) |
| Total Thickness | At 2 gallons/100 ft² | 15 mils |
| Shelf Life & Storage Conditions | Unopened & stored at 5℃ to 32℃ | 12 months |